Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

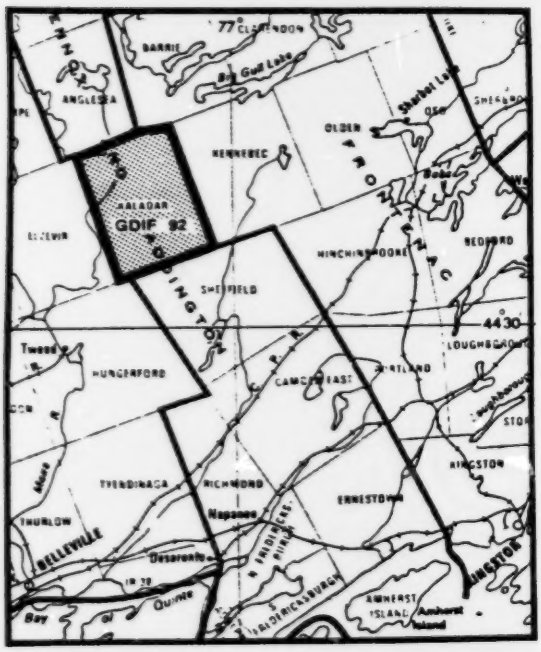
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 92

KALADAR TOWNSHIP

LENNOX AND ADDINGTON COUNTY

Compiled by the Staff of the Resident Geologist's Office, Tweed



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 31C/11

Mining Claim Map Number 108

This project was funded by the Mining Sector Work Program under the sponsorship of Barrie Township

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey.
1984: Kaladar Township, Lennox and Addington County; Ontario Geological Survey Geological Data Inventory Folio 92, Compiled by the staff of the Resident Geologist's Office, Tweed, 22 pages and 2 maps.

Original Compilation by: John A. Easton, January 23, 1983

Date	Page Revised	Revised by
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KALADAR TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
		LENGTH			
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
		AREA			
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
		VOLUME			
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
		CAPACITY			
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
		MASS			
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
		CONCENTRATION			
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this map. If no reference data was found, the appropriate box is marked 'no'; if reference was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	J.E.
2	Assessment Files Research Office, Toronto	Yes	J.E.
3	ODM General Index; 7 volumes	Yes	J.E.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	J.E.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	J.E.
6	ODM Industrial Mineral Reports	Yes	J.E.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	J.E.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	J.E.
9	Newspaper Clippings File	Yes	J.E.
10	GSC Index to Publications	Yes	J.E.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	J.E.
12	OGS Index Maps	Yes	J.E.
13	Source Mineral Deposit Records (O.G.S.)	Yes	J.E.
14	Author - Subject Articles File	No	J.E.
15	Miscellaneous Papers: ODM & OGS	No	J.E.
16	ODM Geological Circulars: OGS Study Series	Yes	J.E.
17	ODM Preliminary Reports: ODM Bulletins	Yes	J.E.
18	ODM – OGS Open File Reports	Yes	J.E.
19	OGS Northern Ontario Engineering Geology Terrain Studies	No	J.E.
20	OGS Aggregate Resources Inventory Papers	No	J.E.
21	OGS Mineral Potential Maps	Yes	J.E.
22	Aerial Photographs on File, Tweed	Yes	J.E.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
▲ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
▲ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
▲ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
▲ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (fluorspar)
△ fu. . . . . .Fuchsite
△ gn. . . . . .Galena
▲ gt . . . . . .Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
△ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
△ hem . . . . . Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
▲ ky . . . . . Kyanite
▲ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . .Magnesite
△ mag . . . . . .Magnetite
△ mc . . . . . Malachite
△ Mn . . . . . Manganese
▲ mb . . . . . Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
▲ mi . . . . . Mica
△ ml . . . . . .Millerite
▲ mo . . . . . Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
△ nc. . . . . .Niccolite
△ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . Serpentine
△ sh. . . . . Shale
△ sid . . . . . Siderite
△ si . . . . . .Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
△ sm . . . . . .Smaltite
△ sod. . . . . .Sodalite
△ spec . . . . . Specularite
▲ sp. . . . . .Sphalerite
△ spd. . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
▲ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
▲ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . .Zinc
△ zr. . . . . .Zircon
▲zk. . . . . .zinkenite

▲act. . . . . .actinolite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Addington Gold Mine Lot 25, Con. VI (Golden Fleece Gold Mine) (Cominco Gold Mine)	Au, Ag, cp		OGS1979, MDC18, p37-38	OGS 1978, OFR 5252, p.95-98 OGS 1964, GC12, p.30+Map 2053 OGS 1942, AR. Vol.51, PT4, p70-72 OBM 1898, Vol.7, PT.2, p.237 NMI File 31C/11 Au 7 Econ.Geol. #17, 1959 GSC Paper 69-50 GSC Paper 69-45 Royal Comm. 1890 GSC An.Rept.Vol.4, 1888-9 GSC An.Rept.Vol.6, 1892-3
		act			GSC Paper 69-50 GSC Mem. 74 1915 Royal Comm. 1890 Mines Br. Rept.320, 1913 GSC Paper 69-50
		ap			
		asp			Econ. Geol.No.17, 1959 GSC Paper 69-50 GSC Mem 74, 1915
		ank			Econ. Geol.No. 17, 1959 GSC Paper 69-50
		gt			GSC Paper 69-50
		py			Goodwin 1929 GSC An.Rept.Vol.4, 1888-9
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	(continued) Addington Gold Mine	ky			GSC Paper 69-45 ODM An.Rept.Vol.#7,1897
		py, po			Econ. Geol.No.17, 1959 GSC Paper 69-50
B	Beatty, J. A. Con. V, Lot 4	st (granite)			OGS 1964,GC12,p.30+Map 2033 DEMR/CANMET 1927#677,p.15,42
C	Beaver Pond Con. VII, Lot 3	sp,Ag,Au, Pb,cp,zk			AFRO 1975,#63.3288 NMI File 31C/11 Zn 1 OGS Map 2053, Madoc, 1964
D	Eddies Lake Location unknown	mo			OGS 1978,OFR5252,p.102-103 OGS 1981,Map 2432, Kaladar
E	Ewing Con. IV, Lot 20	Au			OGS 1978,OFR5252, p.98-99 OGS 1964, GC12, p.30 OGS 1942, AR Vol.51,PT.4,p.72 DEMR #505253, Au 5
F	Glenshire (Donahue Creed) Con. IX, Lot 5	U			OGS 1978,OFR 5252,p.101-102, & p.106-108 AFRO 1976, #63.3389 AFRO 1973, #63.3288 AFRO 1975 Kaladar DHR 16 DEMR #513428, Cu 1 OGS 1981, Map 2432 Kaladar
	(continued)				

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
G	Highway #41 Feldspar Con. VII, Lot 7 (W½)	fel			OGS 1978 OFR5252,p.108-109 OGS Map 2432, Kaladar 1981
H	Kaladar Hill North Con. VIII, Lot 17	U, mo			OGS 1978,OFR 5252,p.101-102
I	Marisette, Leslie Con. II, Lot 13	mo, trem			OGS 1978,OFR 5252, p.109 OGS 1968,MRC 7, p.50 OGS 1964,GC 12, p.30 NMI File 31C/11, Mo 1 OGS 1981,Map 2053, Madoc Area
J	Michle, T. C. Con. VII, Lot 15	Au			OGS 1978,OFR 5252,p.95, 100 OGS 1981, Map 2432, Kaladar.
K	Northbrook Con.XI, Lot 32	Cu,py,cp		OGS 1969,MDC12,p196	OGS 1964, GC 12, p.30 OGS 1942, AR.Vol.51,PT4,p.72 OGS 1964, Map 2053, Madoc
L	Omya Mica Con. V, Lot 4	mi			Assess.Files Res. Geol.Office, Tweed MDIR Files,Res.Geol.Office, Tweed.
M	Pulverized Con. VII, Lot 10	mb	#01156		OGS 1964, GC 12, p.30 DEMR/CANMET 1938,#781, p. 124-125
	(continued)				

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
	(continued)				
N	Stone, J. H. Con. V, Lot 23	Au,py,cp, po,asp, Pb,sp			NMI File 31C/11 Au 4 OGS 1978,Map P.1563 Kaladar OGS 1942,AR.Vol.51,PT.4,p.72-73
O	Ore Extension Property Con. VII, Lot 7 (NW½)	Au			GSC Mem. 192, 1936
P	Con. V, Lot 21	gt			OGS 1964, GC.12 + Map 2053
Q	Rebstock Mine Con. V, Lot 2, 3	Au			

KALADAR TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Buyer, James Leon AFRO file: 20				82															
2	Canadian Occidental Pet. Ltd. AFRO file: 2.2727	78	78																	
3	Glenshire Mines Ltd. (Schlesenger, H.) AFRO file: 63.3288 AFRO file: 2.2033 AFRO file: 16 AFRO file: 2.1877 AFRO file: 63.3389 AFRO file: 63.3499	75 75	75 75 77	77	75 75	75 75 77		75 75				75	75							
4	Hudson Bay Expl. & Dev. Co.Ltd AFRO file: 2.2602	77												77						
5	Kaladar Iron Mines AFRO file: 12 AFRO file: 63.3887 Kaladar Iron Mines (C.I.M. Consultants) AFRO file: 10 AFRO file: 63.3888	57			57 64	64														
6	Koizumi Group Canada Ltd. AFRO file: 63.4015			83				83												

GDIF FORM NO. 7

TYPE OF WORK		Numbers below represent the year in which the work was done, e.g., 68 for 1968																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE TWEED COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
7	Longmuir, R.C. & Young, C.R. AFRO file: 2.5065 AFRO file: 21	82			 83							82	82							
8	Michie, Thomas C. AFRO file: 15				72,74															
9	Morris, Philip & McMahon, H.J. AFRO file: 15				54-57															
10	Omya Inc. (Young, C.R.) AFRO file: 17 Omya Inc. (Guillet, W.G.R.) AFRO file: 18				78,79 79															
11	Steeprock Resources Inc. AFRO file: 22				83															
12	Woodman, A.H. AFRO file: 13 AFRO file: 14				62 63															
13	Young, R.C. AFRO file:				81															

GDIF FORM NO. 2

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Morris, Philip & McMahon, Hugh J.	1	1954	N45E	-30	1	62		
2	" " "	2	1954	-	-35	1	61		
3	" " "	3	1954	N03W	--	1	57		
4	" " "	4	1954	N45W	-40	1	57		
5	" " "	5	1954	N08W	-37	1	60		
6	" " "	1	1955	S45W	-55	1	46		
7	" " "	2	1955	S45W	-55	1	51		
8	" " "	3	1955	S45W	-45	1	42		
9	" " "	1	1955	N33W	-45	1	50	S	
10	" " "	2	1956	N33W	--	1	45		
11	" " "	3	1956	N10E	--	1	50	cp	
12	" " "	6-57	1957	N30E	-65	1	50		
13	" " "	7-57	1957	N40E	-65	1	50		
14	" " "	8-57	1957	N40E	-65	1	50		
15	" " "	7	1956	S45E	-45	1	25	S	
16	" " "	1-57	1957	N45W	-50	1	60		
17	" " "	2-57	1957	N00E	-45	1	55		
18	" " "	3-57	1957	N90E	-65	1	50		
19	" " "	4-57	1957	N90E	-65	1	50		
20	" " "	5-57	1957	N90E	-65	1	43		
21	Kaladar Iron Mines	1	1955	-	-45	1	72	hem	
22	" " "	2	1955	-	-45	9	98	hem	
23	" " "	3	1955	-	-45	1	26		
24	" " "	4	1955	-	-45	1	25		
25	" " "	5	1955	-	-45	1	27		
26	" " "	6	1956	-	-90	1	37		
27	" " "	7	1956	-	-37	1	30	hem	
28	" " "	8	1956	-	-37	1	60	hem	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
29	Kaladar Iron Mines	1	1957	-	-45	1	220	hem	
30	" " "	2	1957	-	-50	1	210	hem	
31	" " "	3	1957	-	-45	1	140		
32	" " "	4	1957	-	-50	1	120		
33	" " "	5	1957	-	-55	1	55	hem	
34	" " "	6	1957	-	-45	1	70	hem	
35	" " "	7	1957	-	-90	1	30		
36	C.I.M. Consultants	1	1964	N45W	-45	7	63	mi,act, hem	
37	" "	2	1964	N45W	-60	6	210	cp,bn	
38	" "	3	1964	N00E	-45	4	55	cp,py,bn	
39	" "	4	1964	N23W	-45	4	36	cp,py,mag	
40	Woodman, A. H.	62-3	1962	N12W	-70	7	160	po,py,mag	
41	" "	F-1	1963	N25E	-45	7	160	po	
42	Michie, T. C.	1	1972	N15W	-80	7	124	py	Au
43	" "	2	1974	-	-90	8	400		
44	Glenshire Mines/H. Shlesinger	1A	1975	N45W	-45	7	60		
45	" " "	1B	1975	N45W	-65	2	403	mag,po	U_3O_8
46	" " "	2	1975	S45E	-45	2	137		U_3O_8
47	" " "	3	1975	S45E	-45	3	102		U_3O_8
48	" " "	4	1975	S45E	-45	3	105		Au,Ag,U
49	" " "	5	1975	S45E	-45	1	111	sp ,py,po	U_3O_8
50	" " "	6	1975	S45E	-45	5	112	py	
51	Young, C. R.	1	1978	N90W	-45	5	203	mica	
52	Omya, Inc. (C.R.Young)	1	1979	N90W	-45	16	247	mica	
53	" " "	2	1979	N90W	-45	1	207	mica	
54	" " "	3	1979	N90W	-45	5	209	mica	
55	" " (W.G.R.Guillet)	4	1979	N90W	-45	5	266	mica	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
56	Onya, Inc. (W.G.R. Guillet)	4	1979	N90W			266		
57	Young, C. R.	81-1	1981	N40W	-45		220		
58	Byer, James Leon	1	1982	N50W	N45E	3	302	mag,py,hem	
59	" " "	2	1982	N50W	N45E	3	102	hem	
60	Longmuir,R.C. & Young,C.R.	2	1983	N90W	N45E	0	124	py,mag	
61	" " "	1	1983	N50W	N45E	3	344	py,asp	
62	Steep Rock Resources Inc.	K83-1	1983	-	N90E	2	83	mb	
63	" " "	K83-2	1983	N47W	N45E	15	295	mb	
64	" " "	K83-3	1983	N47W	N45E	7	235	mb	
65	" " "	K83-4	1983	N47W	N45E	23	145		
66	" " "	K83-5	1983	-	N90E	5	108	mb	
67	" " "	K83-6	1983	-	N90E	1	108		
68	" " "	K83-7	1983	-	N90E	2	110		

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
3	Soil, B-Horizon	Zn		Glenshire Mines, 1975, AFRO file: 2.2033
3	Soil, B-Horizon	Zn,Pb,Ni,Cu,U		Glenshire Mines, 1977, AFRO file: 63.3499
2	Soil, B-Horizon Lake Silt, Bog, Rock	Cu,Pb,Zn		Canadian Occidental Petroleum Ltd., 1978, AFRO file: 2.2727

GDIF FORM NO.5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO.6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Kemptville, Ontario

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched: KALADAR TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
1-21	Kaladar Township,Lennox Co.			
	Actinolite	IX		192
		XI		27
		XXII	ii	117
	Notes	III	ii	91,92
		R.C.		87
		XXII	ii	117
	Gold	R.C.		28,111, &112
		IX		199
	Mining (1902)	XII		108
		XXV	i	128
	Golden Fleece Gold Mine	XXV	1	123
	Cyanite	IX		200
	Idle	XXIV	1	159
	Notes by Miller	XXII	11	112
	Mining (1906)	XVI	1	76
	(1907)	XVII		83
	(1912)	XXII	1	135
	(1913)	XXIII	1	173
	(1915)	XXV	1	128
	Officers	XXII	1	135
		XXIII	1	173
		XXV	1	128
	Operating (1908)	XVIII	1	133
	Rocks	XI		200-202
	Conglomerate	XXII	ii	49,55
	Stamp mill erected	XVII		58
	Tourmaline, with mispickel	XI		203
Vol.1	Ore Extension Mining Co.			
	Capital and date of charter	XXIII	1	42
	work by, Kaladar Township	XXIV	1	159
	(1915)	XXV	1	129
	Kyanite	VII		237
		IX		200
	Rocks	XI		200-202 &207
	Steatite	IX		210
	Talc	III		99,111
		IX		210
	Kaladar & Anglesea Mining & Dev. Co.			
	Capital and date of charter	VIII		9
	Kaladar Mining Co.			
	Capital and date of charter	VII		10
	(continued)			

GDIF FORM NO.9

ODM GENERAL INDEX SEARCH

Words searched: KALADAR TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
	(continued)			
Vol.2	Kaladar Township sand and gravel deposit	XXVII	2	65
	Actinolite	XXXV	1	35
	Gold Cobalt Frontenac Mining Co.			
	Capital increased	XXX	1	50
	Operations (1916)	XXVI	1	133
	(1917)	XXVII	1	133
	(1918)	XXVIII	1	11,154
	(1919)	XXIX	1	116
	(1920)	XXX	1	131,132
	(1921)	XXXI	10	63
	(1922)	XXXII	6	83,84
	Golden Fleece Gold Mine			
	Description	XXX	2	15
	Location, map showing	XXX	2	14
	Operations (1916)	XXVI		136
	(1917)	XXVII	1	133
	(1918)	XXVIII	1	11,154
	(1919)	XXIX	1	116
	(1920)	XXX	1	131,132
	(1921)	XXXI	10	63
	(1922)	XXXII	6	83,84
	(1923)	XXXIII	7	91
	Production (1919)	XXIX	1	5,6
	(1921)	XXXI	1	5
	(1922)	XXXII	1	5,6
	Water power for,	XXX	2	15
Vol.2	Kaladar Gold Mines, Limited			
	Incorporated	39	1	58
	Gold mng., historical notes	45	1	13
	Addington Gold Mine,			
	Operations (1936)	46	1	118
	(1937)	47	1	106,107
	(1938)	48	1	12,98
	(1939)	49	1	13,103
	Addington Mines Ltd.			
	Capital			
	and officers (1936)	46	1	91
	(1937)	47	1	81
	(1938)	48	1	72
	(1939)	49	1	72
	Incorporated	46	1	58
	(continued)			

ODM GENERAL INDEX SEARCH

Words searched: KALADAR TOWNSHIP

Index Volume	Listing:	Report Volume	Part	Page
Vol. 2	Cobalt-Frontenac Gold Mine			
	Operations (1927)	37	1	8
	Production (1919,1922)	49	1	13
Vol. 3	Golden Fleece Gold Mine			
	Operations (1932)	42	1	88
Vol. 3	Rich Rock Gold Mine	45	1	97
	Operated by Consolidated Smelters			
Vol. 4	Kaladar			
	Geology, report by D. W. Harding	51	4	31-74
	Historical note	51	4	53
	Gold			
	Addington Gold Mine			
	Report and Photo	51	4	70-72
	Sketch Map	51	4	Facing 70
	Cobalt Frontenac Mining Company			
	Operations, Golden Fleece Gold Mine	51	4	70,71
	Map, geological	51	4	with
Vol. 5	Kaladar Iron Mines Limited			
	Incorporated	69	7	31
Vol. 6	Kaladar Township			
	Kyanite occurrence	IMR4		6
	Mineral occurrences listed	GC12		30

GDIF FORM NO.9

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Hewitt, D. F.	1964	Geological Notes for Maps 2053 and 2054, Madoc-Gananoque	OGS,GC12,Map 2053	1:126720
Wolff, J. M.	1981	Kaladar NTS 31C/11 NE Southern Ontario	OGS Map 2432	
		GEOPHYSICAL MAPS		
G.S.C.	1981	Aeromagnetic Maps - Kaladar Township	95G, 97G	1:63,360
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
O.G.S.	1973	Southern Ontario Physiography, South East	Map 2227	
		MINERAL POTENTIAL MAPS		
Springer, Janet	1978	Ontario Mineral Potential, Kingston and Part of the Ogdensburg Sheets, Mineral Deposits Series	OGS Map P.1505	1:250,000

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOCHEMICAL		
		GEOLOGICAL REPORTS AND MAPS		
Carson, D. M.		Paleozoic Geology of the Kaladar-Tweed Area NTS 31C/6 & 11, Toronto	Map P.2411	
Moore, J. M. and Morton, R. L.	1981	Geology of the Clarendon Lake Area, Counties of Frontenac, Lennox and Addington, Ont.	OGS OFR 5316	
Wolff, J. M.	1978	Geology of the Kaladar Area, NTS 31C/11	OFR 5252	
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Hewitt, D. F.	1972	Talc in Ontario, Ont. Department of Mines and Northern Affairs, p. 49	OGS IMR 40	

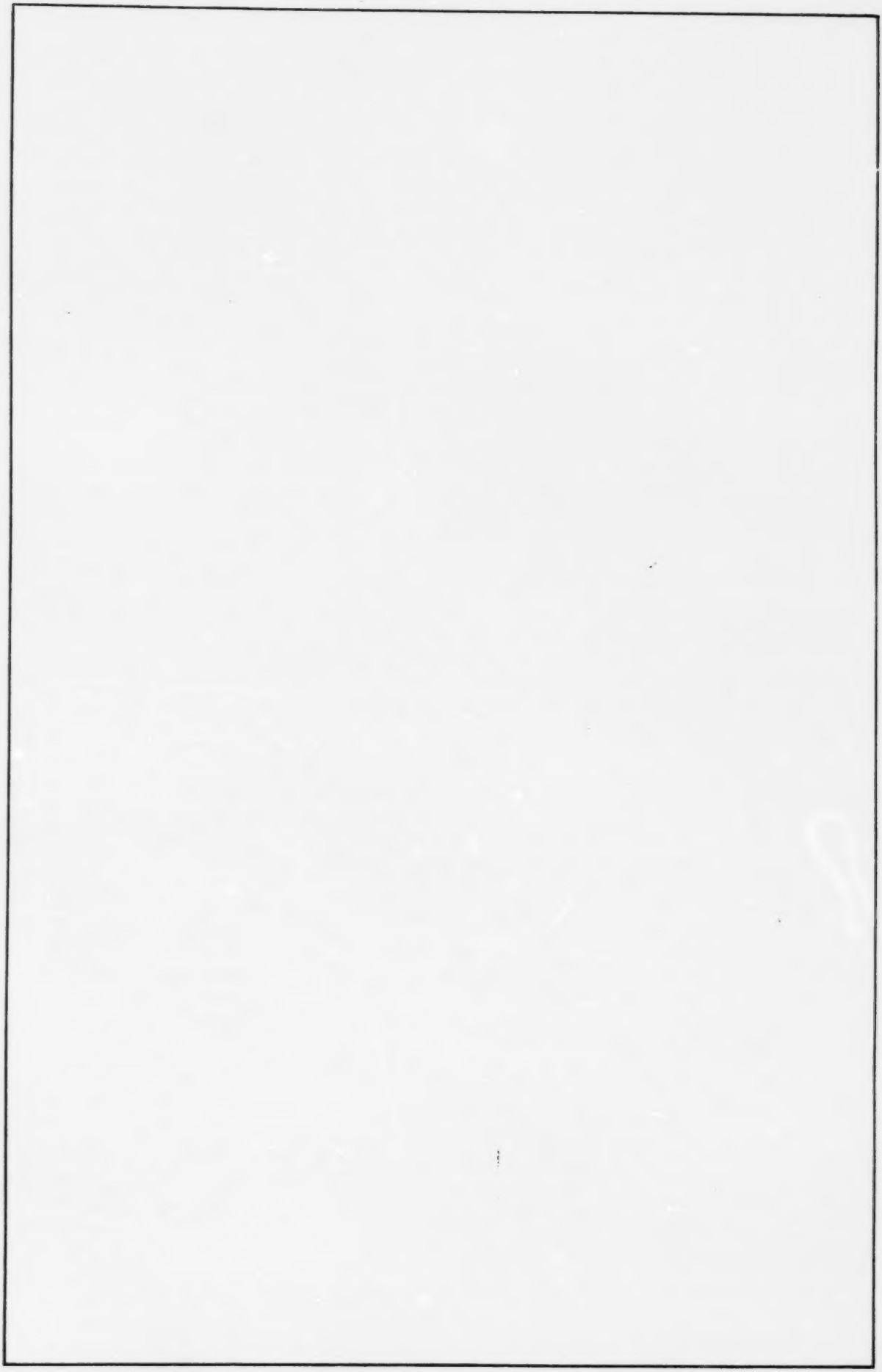
GDIF FORM NO.10

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

Scale 1" = ¼ mile

Year	Roll Number	Flight Line	Photo Numbers
1978	191	4440	124 - 126
1978	141	4441	87 - 98
1978	142	4442	98 - 111
1978	187	4443	234 - 255
1978	188	4444	15 - 30
1978	160	4445	131 - 146
1978	119	4446	67 - 85
1978	130	4447	70 - 86
1978	128	4448	14 - 30
1978	158	4449	0 - 17
1978	131	4450	0 - 17,215 - 220
1978	143	4451	60 - 84
1978	192	4452	140 - 152
1978	163	4453	76 - 80
1978	163	4454	173 - 176



KALADAR TOWNSHIP

I II III IV V VI VII VIII IX X

Deerock Lake
(Rock Lake)

32 31 30 29 28 27 26 25 24 23 22 21 20

Reserved for Reforestation

Reserved for Reforestation

Story

North Brook

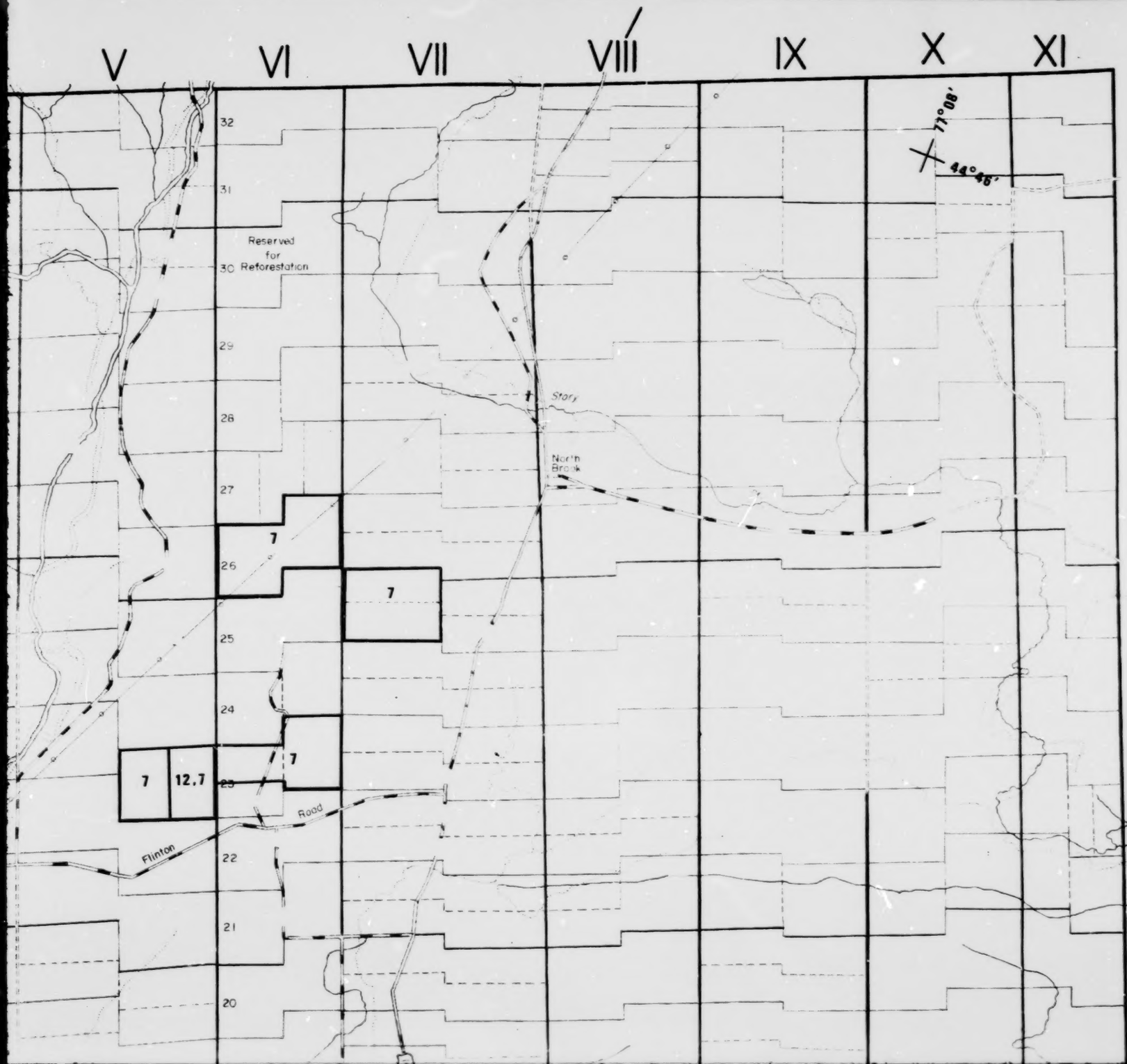
River

Flinton

Flinton Road

Road

7 7 7 7 12,7 12



Ministry of Natural Resources

Ontario

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2 .)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 92

KALADAR TOWNSHIP

LENNOX AND ADDINGTON COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

24
23
22
21
20
19
18
17
16
15
14
13
12
11
10

River
Flinton
Road
Skootamatta
Bridgewater
Flinton
Road
Flinton
River
PACIFIC
KALADAR

7
12,7
7
12
13
11
8
1

7 12,7 7

Flinton Road

11 8 1 4 4

KALADAR

PACIFIC RAILWAY

River

EXPLORATION DATA FILE AREAS

- ☒ ① ⑥ Reference number is always inside work area outlined. See listing in text pages
- ☐ x ④ Small area of exploration data.
- ☐

14
13
12
11
10
9
8
7
6
5
4
3
2
1

I
II
III
IV
V
VI
VII
VIII
IX

13
1
2
3
6
5.6
13,6
9
10.6
5

GRAVEL RESERVE

THE BELL TELEPHONE COMPANY OF CANADA

Flinton Cr.

Skootamatta

Little

17° 12'

44° 35'

CANADIAN

Adolphus Reach

Todd L.

Shirtcliff L.

(Marble Twin L.)

Otter

Otter

Racoon Lake

Donahue

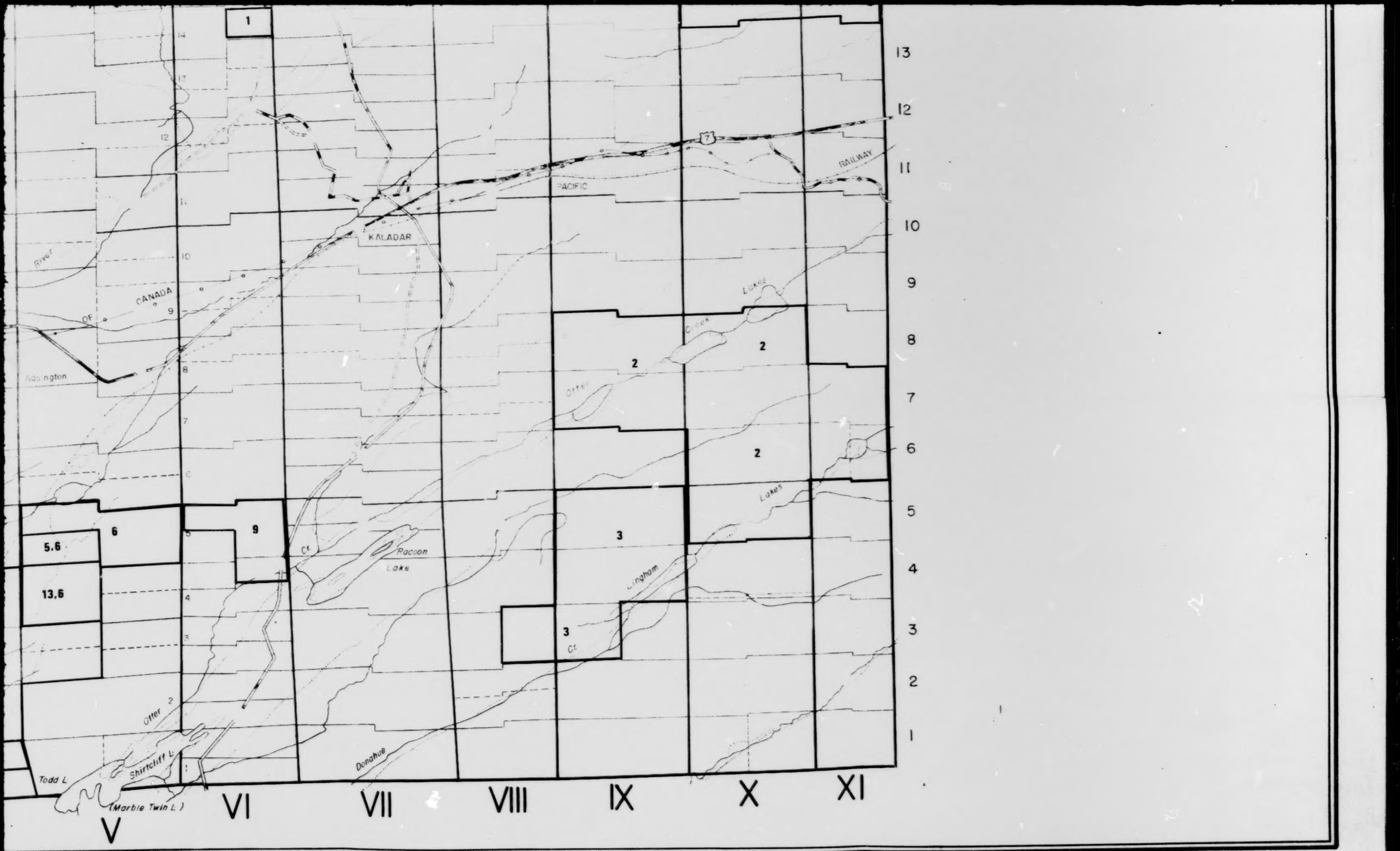
Lingham

Cr.

KALADAR

PACIFIC

7


1
2
2
2
2
3
3
9
6
5,6
13,6
PACIFIC
RAILWAY
KALADAR
CANADA
OF
River
Addington
Otter
Otter
Lakes
Lakes
Raccoon
Lake
Lingham
Donahue
Shirtcliff L.
Todd L
(Marble Twin L.)
V
VI
VII
VIII
IX
X
XI
13
12
11
10
9
8
7
6
5
4
3
2
1

I II III IV V VI VII VIII IX X

32 31 30 29 28 27 26 25 24 23 22 21 20

Duerock Lake
(Rock Lake)

Reserved
for
Reforestation

Reserved
for
Reforestation

77°08'

44°46'

Storr

North
Brook

Au

Au,Ag,cp
sp,asp,py
po,gt,ky
tank,act

Au,py,cp
po,asp,Pb
sp

gt

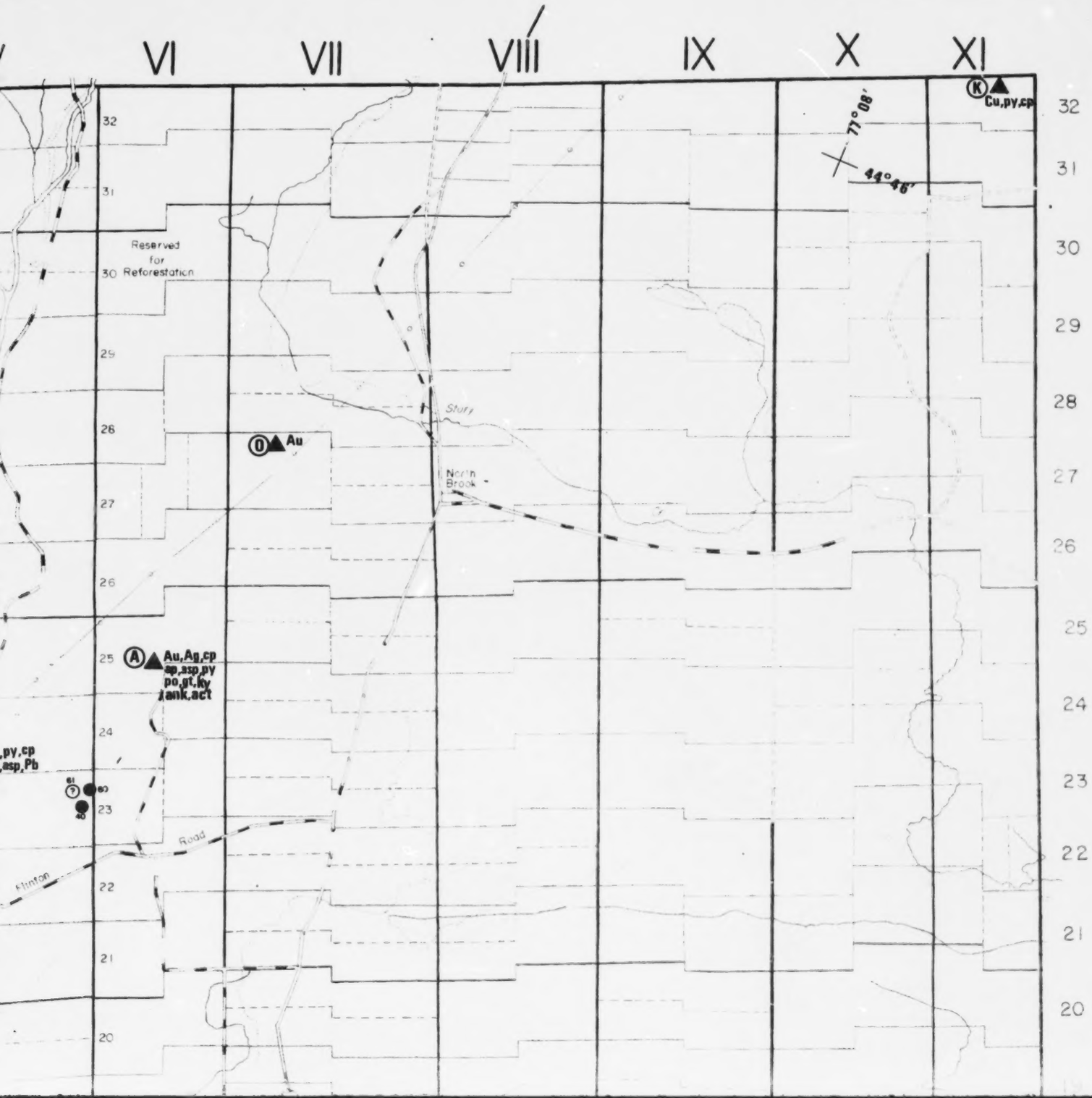
Au

River

Road

Road

Pinnipe



Ministry of Natural Resources
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Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA
INVENTORY FOLIO 92

KALADAR TOWNSHIP

LENNOX AND ADDINGTON COUNTY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- Cp,py A. — Mineralized Float with reference letter
- ☐

DRILL HOLES

24
23
22
21
20
19
18
17
16
15
14
13
12
11
10

Ⓝ Au, py, cp po, asp, Pb sp

Ⓟ gt

Ⓔ Au

Ⓗ U, mo

Ⓘ mo, tr

Ⓓ mo

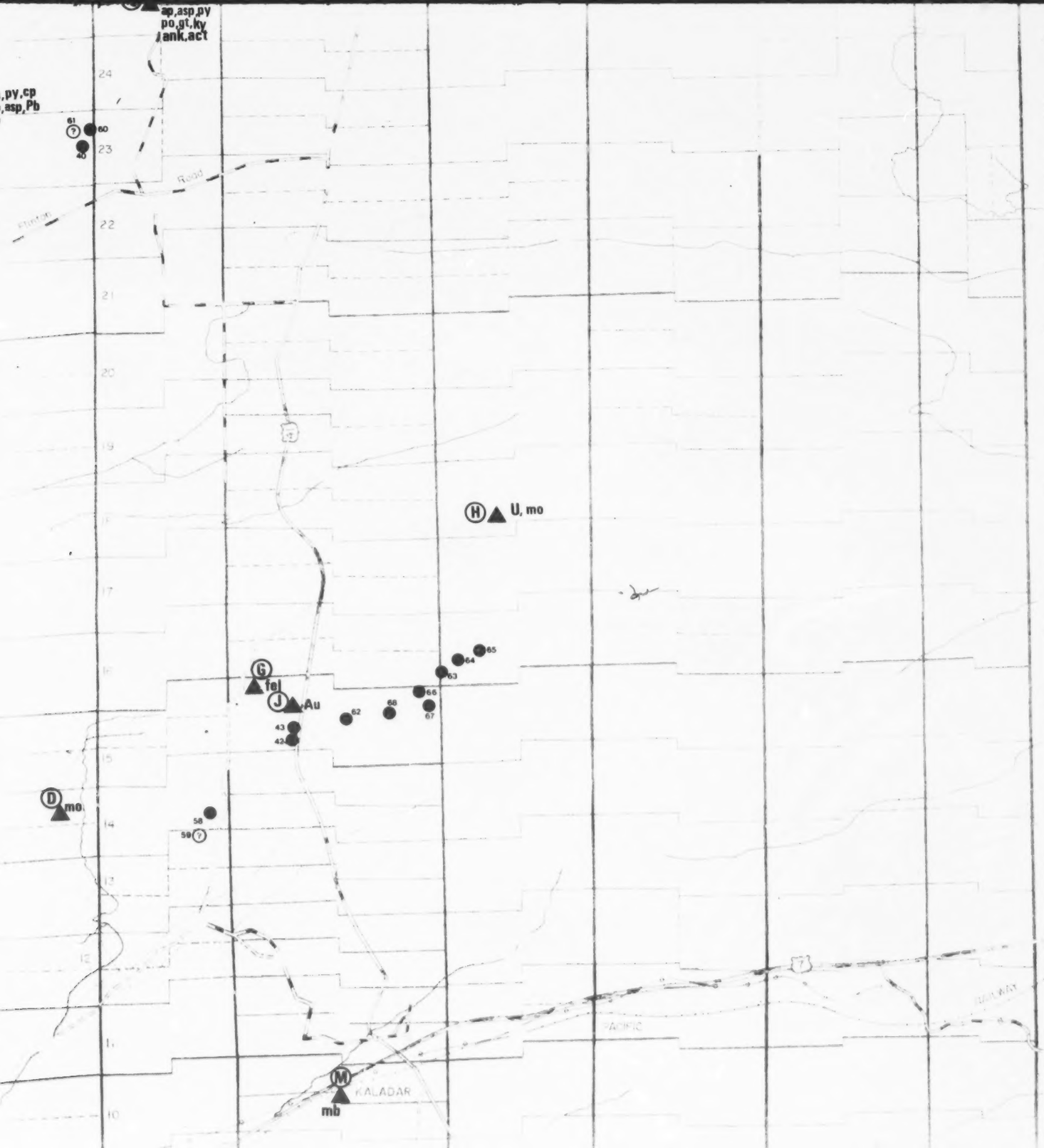
Ⓖ fel

Ⓙ Au

Ⓜ mb

KALADAR

PACIFIC



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number
- Drill hole, exact location uncertain, with reference number.
- Property with underground drill holes in this general area, with reference number
- Property with drill holes which have not been plotted on map, with reference number
- Reverse Circulation Drill Hole; Churn drilling, with reference number

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly

14
13
12
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6
5
4
3
2
1

I
II
III
IV
V
VI
VII
VIII
IX
X

77°12'
84°35'

mo. tram

mo

mb

KALADAR

mi

Au

sp, Ag, Au, Pb, cp, zk

Todd L.

(Marble Twin L.)

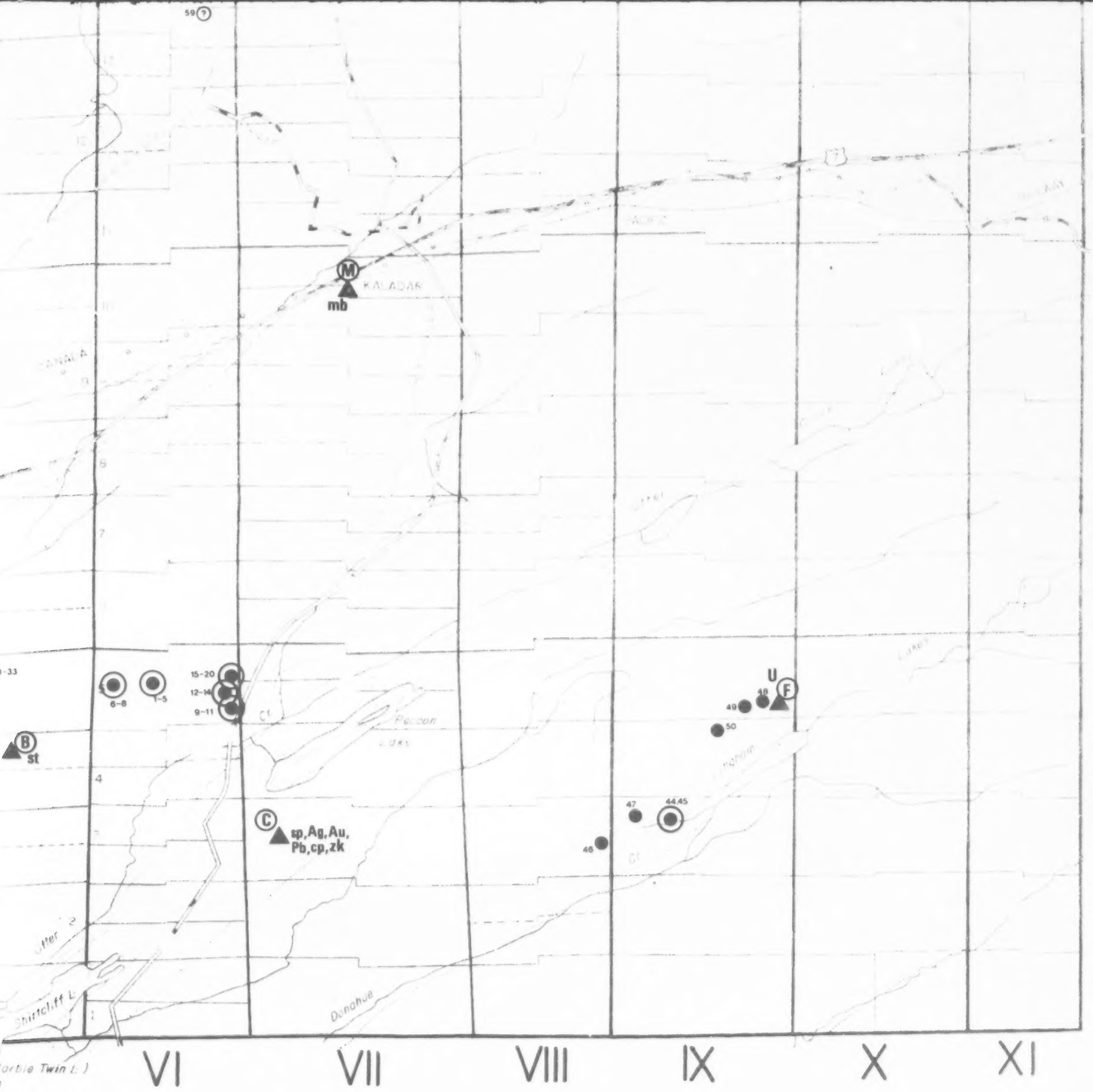
Shirtcliff L.

Donahue

Raccoon Lake

Lingham

PACIFIC



Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- AM — Airborne Magnetometer Anomaly
- Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ARA — Airborne Radiometric Anomaly
- M — Ground Magnetometer Anomaly
- VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- RA — Ground Radiometric Anomaly
- IP — Induced Polarization Anomaly
- SP — Self Potential Anomaly
- AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- R — Resistivity Anomaly
- GR — Gravity Anomaly

MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.